CLAIMS: 1. 2 I claim: 3 1. A composition suitable for use in the manufacture of construction board comprising: 4 a dry powder mineral substrate selected from the group of minerals consisting of calcium 5 sulfate, perlite, and combinations thereof; and a synthetic binder, said synthetic binder comprising starch, a boron source, and a blend of 6 a first polymer and an amino resin, said first polymer being selected from the group consisting of 7 8 polyvinyl acetate and polyvinyl alcohol. 9 **1**0 2. The composition of claim 1, wherein said amino resin is selected from the group Ð consisting of aniline formaldehyde resin, melamine formaldehyde resin, urea-formaldehyde resin, and urea-melamine formaldehyde resin. 3. The composition of claim 1, wherein said first polymer and said amino resin are present in said composition in proportion to one another ranging from 40:60 to 60:40. 亞 **1**6 ⊨ 17 4. The composition of claim 1, wherein said amino resin comprises an aqueous solution 18 having from 55% to 70% solids. 19 20 5. The composition of claim 1, wherein said amino resin is present in said composition in 21 an amount of about 0.5% to about 1.5% of the total wet weight of the slurry, and said first 22 polymer is present in said composition in an amount of about 0.3% to about 1.5% of the total wet

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weight of the slurry.